

Docket No. 87305.0024
Customer No. 30734

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No.: 6,706,141 B1)

Inventors: Heinz STEINHARDT, et al.)

Issue Date: March 16, 2004)

For: DEVICE TO GENERATE EXCITED/IONIZED PARTICLES IN A PLASMA)

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REQUEST FOR CERTIFICATE OF CORRECTION

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Attention: Certificate of Correction Branch

Certificate
MAR 24 2004
of Correction

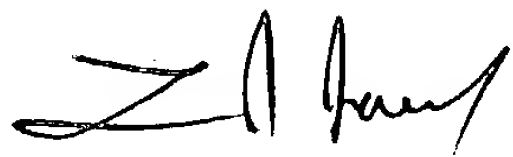
Sir:

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, this is a request for the issuance of a Certificate of Correction in the above-identified patent. Two (2) copies of PTO Form 1050 are appended. The Certificate of Correction involves correcting the Abstract, line 6 by inserting the word "coaxial" between "a" and "conductor".

The mistake(s) identified in the appended Form occurred through no fault of the Inventors and no fee is due. Issuance of the Certificate of Correction containing the correction is respectfully requested.

Respectfully submitted,

BAKER & HOSTETLER LLP


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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,706,141 ⁹¹
DATED : March 16, 2004
INVENTOR(S) : Heinz STEINHARDT, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Correcting the Abstract, line 6 by inserting the word "coaxial" between "a" and "conductor".

MAILING ADDRESS OF SENDER:

Baker & Hostetler LLP
Washington Square, Suite 1100
1050 Connecticut Avenue, N.W.
Washington, D.C. 20036

PATENT NO. 6,706,141

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PTO/SB/44 (02-01)
Approved for use through 01/31/2004. OMB 0651-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,706,141 *B1*
DATED : March 16, 2004
INVENTOR(S) : Heinz STEINHARDT, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Correcting the Abstract, line 6 by inserting the word "coaxial" between "a" and "conductor".

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US006706141B1

(12) **United States Patent**
Steinhardt et al.

(10) **Patent No.:** **US 6,706,141 B1**
(45) **Date of Patent:** **Mar. 16, 2004**

(54) **DEVICE TO GENERATE EXCITED/IONIZED PARTICLES IN A PLASMA**

(75) Inventors: **Heinz Steinhardt**, Kottlingbrunn (AT);
Alexander Gschwandtner, München (DE); **Josef Mathuni**, München (DE)

(73) Assignee: **R3T Rapid Reactive Radicals Technology**, Munich (DE)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/625,200**

(22) Filed: **Jul. 21, 2000**

Related U.S. Application Data

(63) Continuation of application No. PCT/EP99/07617, filed on Oct. 11, 1999.

(30) **Foreign Application Priority Data**

Oct. 16, 1998 (DE) 198 47 848

(51) Int. Cl.⁷ **H05H 1/00**; C23C 16/00; H01J 21/00

(52) U.S. Cl. **156/345.41**; 156/345.42; 118/723 ME; 118/723 MR; 118/723 ER; 315/111.21

(58) Field of Search 156/345.41-345.42; 118/723 ME, 723 MR, 723 ER, 723 MW, 723 E, 723 MA; 315/111.21, 111.71, 111.41, 111.31

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(57) **ABSTRACT**

A device to generate excited and/or ionized particles in plasma with a generator to generate an electromagnetic wave and at least one plasma zone, in which the excited and/or ionized particles are formed by the electromagnetic wave. The plasma zone is formed in an interior chamber of a conductor for the electromagnetic wave.

COAXIAL 16 Claims, 4 Drawing Sheets

